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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER PC25828A
INTERNATIONAL APPLICATION NO. PCT/IB2004/004239		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 107384962
INTERNATIONAL FILING DATE December 20, 2004		PRIORITY DATE CLAIMED December 31, 2003
TITLE OF INVENTION N-Substituted Piperidine and Piperazine Derivatives		
APPLICANT(S) FOR DO/EO/US Please see attached Application Data Sheet		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.	
2.	<input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.	
3.	<input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.	
4.	<input type="checkbox"/> The US has been elected (Article 31).	
5.	<input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))	
a.	<input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).	
b.	<input type="checkbox"/> has been communicated by the International Bureau.	
c.	<input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).	
6.	<input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).	
a.	<input type="checkbox"/> is attached hereto.	
b.	<input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).	
7.	<input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).	
a.	<input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).	
b.	<input type="checkbox"/> have been communicated by the International Bureau.	
c.	<input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.	
d.	<input checked="" type="checkbox"/> have not been made and will not be made.	
8.	<input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).	
9.	<input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).	
10.	<input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).	
Items 11 to 20 below concern document(s) or information included:		
11.	<input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
12.	<input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.	
13.	<input checked="" type="checkbox"/> A preliminary amendment.	
14.	<input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.	
15.	<input type="checkbox"/> A substitute specification. 16. A power of attorney and/or change of address letter.	
16.	<input type="checkbox"/> A power of attorney and/or change of address letter	
17.	<input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.	
18.	<input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).	
19.	<input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).	

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JAP20 Rec'd PCT/PTO 30 JUN 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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20. <input type="checkbox"/> Other items or information:																																																																																																																							
<p>The Following Fees have been submitted</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))</td> <td>\$300</td> <td>CALCULATIONS</td> <td>PTO USE ONLY</td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provision of PCT Article 33(1)-(4)</td> <td>\$0</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$200</td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee (37CFR 1,492(b)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provision of PCT Article 33(1)-(4)</td> <td>\$0</td> <td></td> <td></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td>\$ 500.00</td> <td></td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the office or previously communicated to the US by the IB</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td></td> <td></td> </tr> <tr> <td colspan="2">Total of 21, 22 and 23 =</td> <td colspan="2">\$1,000.00</td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> </tr> <tr> <td>144-100 =</td> <td>44/50</td> <td>1</td> <td>x \$250</td> </tr> <tr> <td colspan="4">\$250.00</td> </tr> <tr> <td colspan="4">Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> </tr> <tr> <td>Total claims</td> <td>15-20=</td> <td></td> <td>x \$50</td> </tr> <tr> <td>Independent claims</td> <td>1-3=</td> <td></td> <td>x \$200</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td></td> <td>+ \$360</td> </tr> <tr> <td colspan="2"></td> <td colspan="2">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. 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AP29 Rec'd PCT/PTO 30 JUN

- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 23-0455 in the amount of \$1,250.00 to cover the above fees
A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0455. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2028.

Information should not be included on this form. Provide credit card information and authorization on PTO-2038.
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Suzanne M Narvey
SIGNATURE

SIGNATURE

Suzanne M. Harvey

NAME -

42,640

REGISTRATION NUMBER –

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Stephen Sung Yong Cho, et al

Docket No.
PC25828A

Serial No.

10/584962

Filing Date

Examiner

Group Art

Invention:

N-Substituted Piperidine and Piperazine Derivatives

I hereby certify that this

Patent Application for filing under 35 U.S.C. 371*(Identify type of correspondence)*

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on June 30, 2006
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